

## **RAW SEQUENCE LISTING**

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Application Serial Number: 10/541,044

Source: PCT

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PATENT APPLICATION: US/10/541,044

DATE: 06/30/2006

TIME: 08:27:58

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Output Set: N:\CRF4\06302006\J541044.raw

3 <110> APPLICANT: Miller, Benjamin L.  
 4       Krauss, Todd D.  
 5       Du, Hui  
 6       Crnkovich, Nicole  
 7       Strohsahl, Christopher M.  
 9 <120> TITLE OF INVENTION: HYBRIDIZATION-BASED BIOSENSOR CONTAINING HAIRPIN PROBES  
 10      AND USE THEREOF  
 12 <130> FILE REFERENCE: 176/61442  
 14 <140> CURRENT APPLICATION NUMBER: 10/541,044  
 C--> 15 <141> CURRENT FILING DATE: 2005-06-24  
 17 <150> PRIOR APPLICATION NUMBER: 60/437,780  
 18 <151> PRIOR FILING DATE: 2003-01-02  
 20 <150> PRIOR APPLICATION NUMBER: PCT/US2004/000093  
 21 <151> PRIOR FILING DATE: 2004-01-02  
 23 <160> NUMBER OF SEQ ID NOS: 19  
 25 <170> SOFTWARE: PatentIn Ver. 2.1  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 48  
 29 <212> TYPE: DNA  
 30 <213> ORGANISM: Artificial Sequence  
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 33 <223> OTHER INFORMATION: Description of Artificial Sequence: probe  
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 41 <212> TYPE: DNA  
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 44 <220> FEATURE:  
 45 <223> OTHER INFORMATION: Description of Artificial Sequence: probe  
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 53 <212> TYPE: DNA  
 54 <213> ORGANISM: Artificial Sequence  
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 60 ggtctggtcg agcgttccg cgcgaccctc ccaaagaca                                  39  
 63 <210> SEQ ID NO: 4  
 64 <211> LENGTH: 39  
 65 <212> TYPE: DNA

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66 <213> ORGANISM: Artificial Sequence  
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75 <210> SEQ ID NO: 5  
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77 <212> TYPE: DNA  
78 <213> ORGANISM: Artificial Sequence  
80 <220> FEATURE:  
81 <223> OTHER INFORMATION: Description of Artificial Sequence: probe  
83 <400> SEQUENCE: 5  
84 tcgttagtgt tagaaaaaaa tcaaacaactc gcga 34  
87 <210> SEQ ID NO: 6  
88 <211> LENGTH: 39  
89 <212> TYPE: DNA  
90 <213> ORGANISM: Artificial Sequence  
92 <220> FEATURE:  
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95 <400> SEQUENCE: 6  
96 ttctttcac catggatttc taatattcat gaaaagaaa 39  
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108 tcttcaccat ggatttctaa tatccatgaa aaga 34  
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112 <211> LENGTH: 31  
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114 <213> ORGANISM: Artificial Sequence  
116 <220> FEATURE:  
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136 <211> LENGTH: 37  
137 <212> TYPE: DNA  
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140 <220> FEATURE:  
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152 <220> FEATURE:  
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162 <212> TYPE: DNA  
163 <213> ORGANISM: Artificial Sequence  
165 <220> FEATURE:  
166 <223> OTHER INFORMATION: Description of Artificial Sequence: complementary  
167 target molecule  
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178 <220> FEATURE:  
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186 <211> LENGTH: 24  
187 <212> TYPE: DNA  
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190 <220> FEATURE:  
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199 <211> LENGTH: 24  
200 <212> TYPE: DNA  
201 <213> ORGANISM: Artificial Sequence  
203 <220> FEATURE:  
204 <223> OTHER INFORMATION: Description of Artificial Sequence: mismatch  
205 target molecule  
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211 <210> SEQ ID NO: 16

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212 <211> LENGTH: 39  
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214 <213> ORGANISM: Artificial Sequence  
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217 <223> OTHER INFORMATION: Description of Artificial Sequence: complementary  
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225 <211> LENGTH: 34  
226 <212> TYPE: DNA  
227 <213> ORGANISM: Artificial Sequence  
229 <220> FEATURE:  
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239 <212> TYPE: DNA  
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242 <220> FEATURE:  
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252 <212> TYPE: DNA  
253 <213> ORGANISM: Artificial Sequence  
255 <220> FEATURE:  
256 <223> OTHER INFORMATION: Description of Artificial Sequence: complementary  
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259 <400> SEQUENCE: 19  
260 tatcaatatt aacaccCCTA ttCGTTATT attgata 37

**VERIFICATION SUMMARY**

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Input Set : A:\614421.APP

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